

PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: GRIFFIOEN et al. Art Unit: 1632
Serial No.: 10/527,472 Examiner: Not Yet Assigned
Filed: April 25, 2005 Customer No.: 21559
Title: YEAST MODEL FOR AMYLOIDOGENIC PROTEIN TOXICITY

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the enclosed Form PTO-1449, copies of which are enclosed. A copy of a search report from a corresponding international application is also enclosed.

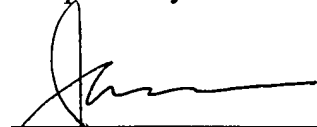
Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

This statement is being filed before the receipt of a first Office action on the merits.

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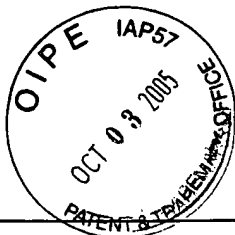
Respectfully submitted,

Date: 30 September 2005



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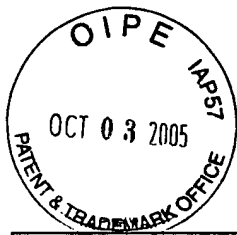
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Sheet 1 of 2

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| SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. § 1.98(b)) | Attorney Docket No. | 50304/068001 |
| | Serial No. | 10/527,472 |
| | Applicant | Griffioen et al. |
| | Filing Date | April 25, 2005 |
| | Group | 1632 |
| | IDS Filed | September 30, 2005 |

| FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION | | | | | | |
|---|---|------------------|--------------------------|-------|----------|----------------------|
| Examiner's Initials | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation (Yes/No) |
| | WO 02/065136 A2 | 08/22/02 | WIPO | | | |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) | | | | | | |
| | Brachmann et al., "Designer Deletion Strains Derived from <i>Saccharomyces cerevisiae</i> S288C: A Useful Set of Strains and Plasmids for PCR-Mediated Gene Disruption and Other Applications," <i>Yeast</i> 14:115-132 (1998). | | | | | |
| | Bush, "Metals and Neuroscience," <i>Curr. Opin. Chem. Biol.</i> 4:184-191 (2000). | | | | | |
| | Dauer et al., "Resistance of α -Synuclein Null Mice to the Parkinsonian Neurotoxin MPTP," <i>Proc. Natl. Acad. Sci. USA</i> 99:14524-14529 (2002). | | | | | |
| | Gasch et al., "Genomic Expression Programs in the Response of Yeast Cells to Environmental Changes," <i>Mol. Biol. Cell</i> 11:4241-4257 (2000). | | | | | |
| | Geschwind, "Tau Phosphorylation, Tangles, and Neurodegeneration: The Chicken or the Egg?" <i>Neuron</i> 40:457-460 (2003). | | | | | |
| | Giaever et al., "Functional Profiling of the <i>Saccharomyces cerevisiae</i> Genome," <i>Nature</i> 418:387-391 (2002). | | | | | |
| | Godon et al., "The H ₂ O ₂ Stimulon in <i>Saccharomyces cerevisiae</i> ," <i>J. Biol. Chem.</i> 273:22480-22489 (1998). | | | | | |
| | Hashimoto et al., "Oxidative Stress Induces Amyloid-Like Aggregate Formation of NACP/ α -Synuclein <i>In Vitro</i> ," <i>Neuroreport</i> 10:717-721 (1999). | | | | | |
| | Kanda et al., "Enhanced Vulnerability to Oxidative Stress by Alpha-Synuclein Mutations and C-Terminal Truncation," <i>Neuroscience</i> 97:279-284 (2000). | | | | | |
| | Kirik et al., "Nigrostriatal α -Synucleinopathy Induced by Viral Vector-Mediated Overexpression of Human α -Synuclein: A New Primate Model of Parkinson's Disease," <i>Proc. Natl. Acad. Sci. USA</i> 100:2884-2889 (2003). | | | | | |
| | Kron, "Filamentous Growth in Budding Yeast," <i>Trends Microbiol.</i> 5:450-454 (1997). | | | | | |
| | Krüger et al., "Involvement of α -Synuclein in Parkinson's Disease and Other Neurodegenerative Disorders," <i>J. Neural Transm.</i> 107:31-40 (2000). | | | | | |
| | Miller et al., "Neurological Disease: UPS Stops Delivering!" <i>Trends Pharmacol. Sci.</i> 24:18-23 (2003). | | | | | |
| | Neystat et al., "Analysis of Synphilin-1 and Synuclein Interactions by Yeast Two-Hybrid β -Galactosidase Liquid Assay," <i>Neurosci. Lett.</i> 325:119-123 (2002). | | | | | |
| EXAMINER | | | DATE CONSIDERED | | | |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant. | | | | | | |

Sheet 2 of 2

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| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) | |
|---|--|
| | Outeiro et al., "Yeast Cells Provide Insight into Alpha-Synuclein Biology and Pathobiology," <i>Science</i> 302:1772-1775 (2003). |
| | Pendleton et al., "Effects of Pharmacological Agents upon a Transgenic Model of Parkinson's Disease in <i>Drosophila melanogaster</i> ," <i>J. Pharmacol. Exp. Ther.</i> 300:91-96 (2002). |
| | Scherzer et al., "Yeast Genetics Targets Lipids in Parkinson's Disease," <i>Trends Genet.</i> 20:273-277 (2004). |
| | Snyder et al., "Aggregated and Monomeric α -Synuclein Bind to the S6' Proteasomal Protein and Inhibit Proteasomal Function," <i>J. Biol. Chem.</i> 278:11753-11759 (2003). |
| | Steece-Collier et al., "Etiology of Parkinson's Disease: Genetics and Environment Revisited," <i>Proc. Natl. Acad. Sci. USA</i> 99:13972-13974 (2002). |
| | Thomas et al., "Elevated Recombination Rates in Transcriptionally Active DNA," <i>Cell</i> 56:619-630 (1989). |
| | Willingham et al., "Yeast Genes that Enhance the Toxicity of a Mutant Huntingtin Fragment or α -Synuclein," <i>Science</i> 302:1769-1772 (2003). |
| | Zhang et al., "A Simple Statistical Parameter for Use in Evaluation and Validation of High Throughput Screening Assays," <i>J. Biomol. Screen.</i> 4:67-73 (1999). |
| | International Search Report/Written Opinion, PCT/BE2004/000102, (mailed 08 December 2004) |
| EXAMINER | DATE CONSIDERED |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant. | |